

ADVU Series ISO6431 Compact Cylinder:



1. Ordering Code :

ADVU	-	50	X	80	-	A	-	P	-	A
↑		↑		↑		↑		↑		↑
Model		Bore size		Stroke		buffer type				A:with magnet
ADVU: Double action type		16~100mm		Normal type: A: male thread						Blank: without magnet
AEVUZ: Single-driven type				Φ16~25:1~200mm		Blank: female thread				
AEVUD: Two axis double action type				Φ32~63:1~300mm						
				Φ80~100:1~400mm						
				Single action:						
				Φ12:1~10mm						
				Φ16:1~25mm						

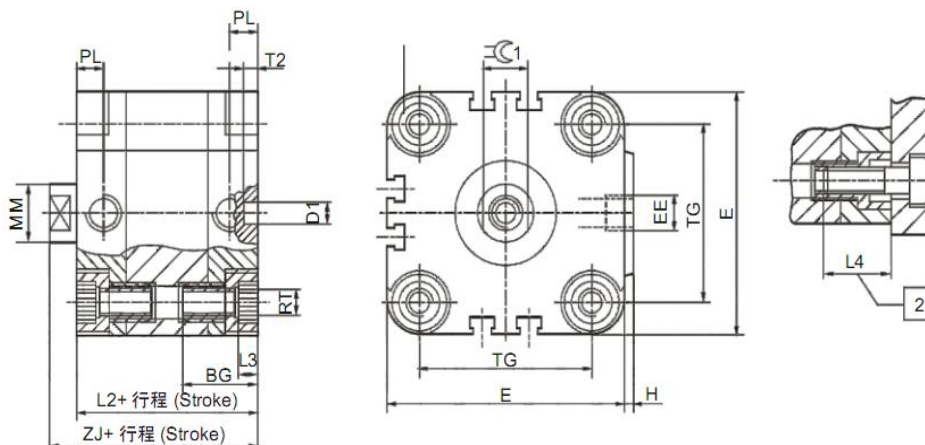
2.Characteristics:

- 1) This series of cylinder conforms to: ISO6431 standard
- 2) Different thread type can be offered according to customers' requirements, e.g.:BSP, NPT etc.
- 3) Needn't lubricate on piston rod by oil

3.Specification:

Bore(mm)		16	20	25	32	40	50	63	80	100
Action		Double acting, single rod/double rod								
Fluid		Filtered compressed air								
Ensured Pressure Resistance		1.5MPa								
Operating pressure range	ADVU - -P-A	0.12~1.0MPa	0.1~1.0MPa	0.08~1.0MPa			0.06~1.0MPa			
	ADVU - -P-A-S2	0.13~1.0MPa	0.12~1.0MPa	0.1~1.0MPa			0.8~1.0MPa			
Ambient and fluid temperature		-20~80 (No freezing)								
Port size		M5			G1/8"					G1/4"
Piston rod thread	Female thread	M4	M5	M6	M8	M10	M12			
	Male thread	M8	M10×1.25			M12×1.25		M16×1.5	M20×1.5	
Cushion		Rubber bumper								

4.Overall and Dimension Sheet:



Note
To attach cylinder. 12 and 16 mm from above, use only 2 screws diagonally or non-magnetic screws.
+= plus stroke length
2 Minimum screw-in depth

Bore size(mm)	GB	D1 ϕ H9	E	EE	H	L2	L3	L4	ϕ MM	PL	RT	T2	TG	ZJ	\approx C1
16	18.5	6	29	M5	1	38	3	16	8	8	M4	4	18	42.5	7
20	18.5	6	36	M5	1.5	38	4	18	10	8	M5	4	22	42.5	9
25	18.5	6	40	M5	1.5	39.5	4	18	10	8	M5	4	26	45	9
32	21.5	6	50	G1/8	2	44.5	5	20	12	8	M6	4	32	50.5	10
40	21.5	6	60	G1/8	2.5	45.5	5	20	12	8	M6	4	42	52	10
50	22	6	68	G1/8	3	45.5	6	20	16	8	M8	4	50	53	13
63	24.5	8	87	G1/8	4	50	8	25	16	8	M10	4	62	57.5	13
80	27.5	8	107	G1/8	4	56	8	25	20	8.5	M10	4	82	64	17
100	32.5	8	128	G1/4	5	66.5	8	25	35	10.5	M10	4	103	76.5	22